Nodemailer

**Nodemailer** is a module for Node.js applications to allow easy as cake email sending. The project got started back in 2010 when there was no sane option to send email messages, today it is the solution most Node.js users turn to by default.

**Nodemailer** is licensed under **MIT license**. See license details in the [License page](https://nodemailer.com/about/license/). If you are upgrading from Nodemailer v2 or older, then see the light migration guide [here](https://nodemailer.com/about/migrate).

npm install nodemailer --save

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Nodemailer features

* A single module with **zero dependencies** – code is easily auditable, as there are no dark corners
* Heavy focus on **security**, no-one likes [RCE vulnerabilities](https://thehackernews.com/2017/01/phpmailer-swiftmailer-zendmail.html)
* **Unicode support** to use any characters, including emoji 💪
* **Windows support** – you can install it with [npm](https://www.npmjs.com/package/nodemailer) on Windows just like any other module, there are no compiled dependencies. Use it hassle free from Azure or from your Windows box
* Use **HTML content**, as well as **plain text** alternative
* Add [**Attachments**](https://nodemailer.com/message/attachments/) to messages
* [**Embedded**](https://nodemailer.com/message/embedded-images/) image attachments for HTML content – your design does not get blocked
* Secure email delivery using **TLS/STARTTLS**
* Different [**transport methods**](https://nodemailer.com/transports/) in addition to the built-in [**SMTP support**](https://nodemailer.com/smtp/)
* Sign messages with [**DKIM**](https://nodemailer.com/dkim/)
* Custom [**Plugin support**](https://nodemailer.com/plugins/) for manipulating messages
* Sane [**OAuth2**](https://nodemailer.com/smtp/oauth2/) authentication
* [**Proxies**](https://nodemailer.com/smtp/proxies/) for SMTP connections
* **ES6 code** – no more unintentional memory leaks, due to hoisted *var*’s
* Autogenerated email **test accounts** from [Ethereal.email](https://ethereal.email/)

var mailer = require("nodemailer");

// Use Smtp Protocol to send Email

var smtpTransport = mailer.createTransport("SMTP",{

service: "Gmail",

auth: {

user: "gmail\_id@gmail.com",

pass: "gmail\_password"

}

});

var mail = {

from: "Yashwant Chavan <from@gmail.com>",

to: "to@gmail.com",

subject: "Send Email Using Node.js",

text: "Node.js New world for me",

html: "<b>Node.js New world for me</b>"

}

smtpTransport.sendMail(mail, function(error, response){

if(error){

console.log(error);

}else{

console.log("Message sent: " + response.message);

}

smtpTransport.close();

});

##### **Example**

This is a complete example to send an email with plain text and HTML body

'use strict';

const nodemailer = require('nodemailer');

// Generate test SMTP service account from ethereal.email

// Only needed if you don't have a real mail account for testing

nodemailer.createTestAccount((err, account) => {

// create reusable transporter object using the default SMTP transport

let transporter = nodemailer.createTransport({

host: 'smtp.ethereal.email',

port: 587,

secure: false, // true for 465, false for other ports

auth: {

user: account.user, // generated ethereal user

pass: account.pass // generated ethereal password

}

});

// setup email data with unicode symbols

let mailOptions = {

from: '"Fred Foo 👻" <foo@example.com>', // sender address

to: 'bar@example.com, baz@example.com', // list of receivers

subject: 'Hello ✔', // Subject line

text: 'Hello world?', // plain text body

html: '<b>Hello world?</b>' // html body

};

// send mail with defined transport object

transporter.sendMail(mailOptions, (error, info) => {

if (error) {

return console.log(error);

}

console.log('Message sent: %s', info.messageId);

// Preview only available when sending through an Ethereal account

console.log('Preview URL: %s', nodemailer.getTestMessageUrl(info));

// Message sent: <b658f8ca-6296-ccf4-8306-87d57a0b4321@example.com>

// Preview URL: https://ethereal.email/message/WaQKMgKddxQDoou...

});

});